

Vacuum / Compressed Air Hoses VSL

Material PA, PE, PU, PVC



Suitability for Industry Specific Applications



Vacuum / Compressed Air Hoses VSL

Applications

- Hose connections in vacuum systems
- Polyurethane (PU) hoses for energy distribution systems

Design

- Vacuum hoses made of PVC, PU, PA and PE, some in the form of a hard PVC spiral (PS), with a wire spiral (DS) or a textile layer (G)

Our Highlights...

- Vacuum hoses with internal diameters from 2 to 75 mm
- Wide range of materials

Your Benefits...

- Wide range of sizes permits optimization for best evacuation time and flow resistance
- Suitable hoses for all applications



Designation Code Vacuum / Compressed Air Hoses VSL



1 – Abbreviated designation

Code	Version
VSL	VSL

4 – Product addition

Code	Type
DS	Wire spiral
G	Textile layer
PS	PVC spiral

2 – Diameter

Code	Diameter in mm
4-2...87-75	ø 4-2 to 87-75 (outside-inside)

3 – Material

Code	Material
PA	Polyamide
PE	Polyethylene
PU	Polyurethane
PVC	Polyvinyl chloride

Vacuum/compressed air hose VSL is delivered in the desired length.

Available accessories: hose clamp



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Ordering Data Vacuum / Compressed Air Hoses VSL

Type	Part no.	Accessories		Part no.
VSL 4-2 PE	10.07.09.00013	-	-	-
VSL 4-2 PU	10.07.09.00001	-	-	-
VSL 4-2.7 PA	10.07.09.00063	-	-	-
VSL 6-4 PE	10.07.09.00014	-	-	-
VSL 6-4 PU	10.07.09.00002	-	-	-
VSL 8-6 PE	10.07.09.00015	-	-	-
VSL 8-6 PU	10.07.09.00003	-	-	-
VSL 10-7 PE	10.07.09.00083	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 10-7 PU	10.07.09.00084	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 12-9 PE	10.07.09.00050	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 12-9 PU	10.07.09.00037	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 14-11 PU	10.07.09.00038	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 15-9 PVC-G	10.07.09.00005	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 18-12 PVC-DS	10.07.09.00016	Hose clamp	SSB 16-27 ST-VZ	10.07.10.00002
VSL 21-12 PVC-G	10.07.09.00006	Hose clamp	SSB 20-32 ST-VZ	10.07.10.00003
VSL 26-19 PVC-DS	10.07.09.00007	Hose clamp	SSB 20-32 ST-VZ	10.07.10.00003
VSL 27-20 PU-DS	10.07.09.00047	Hose clamp	SSD 20-25	10.07.10.00071
VSL 33-25 PVC-DS	10.07.09.00041	Hose clamp	SSB 32-50 ST-VZ	10.07.10.00004
VSL 33-25 PU-DS	10.07.09.00051	Hose clamp	SSD 28-32 ST-VZ	10.07.10.00087
VSL 41-32 PVC-DS	10.07.09.00008	Hose clamp	SSB 32-50 ST-VZ	10.07.10.00004
VSL 42-32 PU-DS	10.07.09.00036	Hose clamp	SSD 38-43 ST-VZ	10.07.10.00019
VSL 41-35 PVC-PS	10.07.09.00010	Hose clamp	SSD 38-43 ST-VZ	10.07.10.00019
VSL 44-38 PU-DS	10.07.09.00031	Hose clamp	SSD 38-43 ST-VZ	10.07.10.00019
VSL 47-38 PU-DS	10.07.09.00052	Hose clamp	SSD 43-49 ST-VZ	10.07.10.00020
VSL 48-38 PVC-DS	10.07.09.00009	Hose clamp	SSB 32-50 ST-VZ	10.07.10.00004
VSL 48-40 PVC-PS	10.07.09.00011	Hose clamp	SSD 43-49 ST-VZ	10.07.10.00020
VSL 60-50 PU-DS	10.07.09.00020	Hose clamp	SSD 54-60 ST-VZ	10.07.10.00036
VSL 60-50 HV PU-DS	10.07.09.00076	Hose clamp	SSD 54-60 ST-VZ	10.07.10.00036
VSL 61-50 PVC-DS	10.07.09.00033	Hose clamp	SSD 54-60 ST-VZ	10.07.10.00036
VSL 71-60 PVC-DS	10.07.09.00012	Hose clamp	SSD 64-70 A2	10.07.10.00098
VSL 71-60 PU-DS	10.07.09.00034	Hose clamp	SSD 64-70 A2	10.07.10.00098
VSL 71-60 PU-DS	10.07.09.00065	Hose clamp	SSD 64-70 A2	10.07.10.00098
VSL 85-75 PVC-PS	10.07.09.00048	Hose clamp	SSD 85-90 ST-VZ	10.07.10.00102
VSL 85-75 PU-DS	10.07.09.00054	Hose clamp	SSD 85-90 ST-VZ	10.07.10.00102
VSL 87-75 PU-DS	10.07.09.00061	Hose clamp	SSD 85-90 ST-VZ	10.07.10.00102

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Technical Data Vacuum / Compressed Air Hoses VSL

Type	Material hose	Pressure range (operating pressure) [bar]*	Operating temperature [°C]	Bending radius min. [mm]**	Length max. [m]***
VSL 4-2 PE	PE	-0.95 ... 10.00	-30 ... 70	20	100
VSL 4-2 PU	PU	-0.95 ... 10.00	-40 ... 60	20	50
VSL 4-2.7 PA	PA	-0.95 ... 20.00	-40 ... 90	30	50
VSL 6-4 PE	PE	-0.95 ... 10.00	-30 ... 70	35	100
VSL 6-4 PU	PU	-0.95 ... 10.00	-20 ... 90	35	500
VSL 8-6 PE	PE	-0.95 ... 10.00	-30 ... 70	45	100
VSL 8-6 PU	PU	-0.95 ... 10.00	-20 ... 90	45	500
VSL 10-7 PE	PE	-0.95 ... 10.00	-30 ... 70	60	50
VSL 10-7 PU	PU	-0.95 ... 10.00	-40 ... 85	60	50
VSL 12-9 PE	PE	-0.95 ... 10.00	-20 ... 70	70	100
VSL 12-9 PU	PU	-0.95 ... 10.00	-20 ... 90	70	50
VSL 14-11 PU	PU	-0.95 ... 10.00	-20 ... 90	100	100
VSL 15-9 PVC-G	PVC with tissue	-0.95 ... 10.00	-20 ... 70	50	50
VSL 18-12 PVC-DS	PVC with wire spiral	-0.90 ... 5.00	-20 ... 70	85	30
VSL 21-12 PVC-G	PVC with tissue	-0.95 ... 10.00	-20 ... 70	80	50
VSL 26-19 PVC-DS	PVC with wire spiral	-0.90 ... 5.00	-20 ... 70	85	50
VSL 27-20 PU-DS	PU with wire spiral	-0.95 ... 4.00	-20 ... 90	70	10
VSL 33-25 PVC-DS	PVC with wire spiral	-0.85 ... 4.00	-20 ... 70	95	50
VSL 33-25 PU-DS	PU with wire spiral	-0.95 ... 4.00	-40 ... 90	75	10
VSL 41-32 PVC-DS	PVC with wire spiral	-0.85 ... 4.00	-20 ... 70	110	30
VSL 42-32 PU-DS	PU with wire spiral	-0.95 ... 3.20	-20 ... 90	95	10
VSL 41-35 PVC-PS	PVC with PVC-spiral	-0.50 ... 0.50	-20 ... 70	65	50
VSL 44-38 PU-DS	PU with wire spiral	-0.82 ... 3.12	-20 ... 90	95	10
VSL 47-38 PU-DS	PU with wire spiral	-0.94 ... 4.39	-20 ... 90	115	10
VSL 48-38 PVC-DS	PVC with wire spiral	-0.88 ... 7.00	-20 ... 70	120	30
VSL 48-40 PVC-PS	PVC with PVC-spiral	-0.49 ... 1.00	-20 ... 70	70	50
VSL 60-50 PU-DS	PU with wire spiral	-0.78 ... 2.90	-20 ... 90	95	20
VSL 60-50 HV PU-DS	PU with wire spiral	-0.96 ... 3.20	-20 ... 90	145	10
VSL 61-50 PVC-DS	PVC with wire spiral	-0.78 ... 1.50	-20 ... 70	90	10
VSL 71-60 PVC-DS	PVC with wire spiral	-0.73 ... 1.27	-20 ... 70	110	25
VSL 71-60 PU-DS	PU with wire spiral	-0.74 ... 2.55	-20 ... 90	105	10
VSL 71-60 PU-DS	PU with wire spiral	-0.89 ... 3.60	-20 ... 90	170	10
VSL 85-75 PVC-PS	PVC with PVC-spiral	-0.59 ... 1.00	-20 ... 70	130	10
VSL 85-75 PU-DS	PU with wire spiral	-0.59 ... 2.00	-20 ... 90	130	10
VSL 87-75 PU-DS	PU with wire spiral	-0.96 ... 3.20	-20 ... 90	210	10

*In reference to media and ambient temperature of +20° C

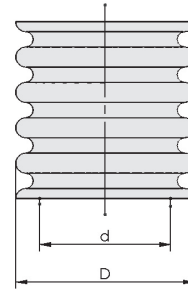
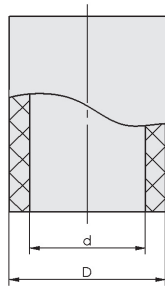
**Referred to the inner side of the hose bend in a static state

***Please indicate the tube length when placing the order.

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Design Data Vacuum / Compressed Air Hoses VSL



VSL 4/2 - VSL 21/12

VSL 26/19 - VSL 87/75

Type	d [mm]	D [mm]
VSL 4-2 PE	2	4
VSL 4-2 PU	2	4
VSL 4-2.7 PA	3	4
VSL 6-4 PE	4	6
VSL 6-4 PU	4	6
VSL 8-6 PE	6	8
VSL 8-6 PU	6	8
VSL 10-7 PE	7	10
VSL 10-7 PU	7	10
VSL 12-9 PE	9	12
VSL 12-9 PU	9	12
VSL 14-11 PU	11	14
VSL 15-9 PVC-G	9	15
VSL 18-12 PVC-DS	12	18
VSL 21-12 PVC-G	12	21
VSL 26-19 PVC-DS	19	26
VSL 27-20 PU-DS	20	27
VSL 33-25 PVC-DS	25	33
VSL 33-25 PU-DS	25	33
VSL 41-32 PVC-DS	32	41
VSL 42-32 PU-DS	32	42
VSL 41-35 PVC-PS	35	41
VSL 44-38 PU-DS	38	44
VSL 47-38 PU-DS	38	47
VSL 48-38 PVC-DS	38	48
VSL 48-40 PVC-PS	40	48
VSL 60-50 PU-DS	50	60
VSL 60-50 HV PU-DS	50	60
VSL 61-50 PVC-DS	50	61
VSL 71-60 PVC-DS	60	71
VSL 71-60 PU-DS	60	71
VSL 85-75 PVC-PS	75	85
VSL 85-75 PU-DS	75	85
VSL 87-75 PU-DS	75	87

